

Certificate of Analysis

Date of Testing: 2024-12-16 15:51:51
Date of Next Testing: 2026-12-06 15:51:51
Product Name: **D-(+)-Mannose**
CAS Number: 3458-28-4
Specifications & Purity: Moligand™, analytical standard
Lot #: C2306338
SKU #: **M103970**
Version: **0**
Analysis #: **450137**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=4 in H ₂ O after 24hr)	13.5-14.9 (°)	13.60°
Purity(HPLC)	99.5-100 (%)	99.70000 %
Appearance (M103970)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager